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20-MAG-2004 12:32 DA: S.I.B. VARESE 0332282458

A: 00014078412343

P:2/7

20-MAG-2004 11:40

DA: S.I.B. VARESE 0332282458

P. 04

Inv. da: STMICROELECTRONICS;

0957404014 ;

20-Mag-04 11:40;

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**DECLARATION AND POWER OF ATTORNEY FOR PATENT  
APPLICATION**

Attorney Docket No.: 02CT39253415

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below  
next to my name,

I believe I am the original, first and sole inventor (if only one  
name is listed below) or an original, first and joint inventor  
(if plural names are listed below) of the subject matter which is  
claimed and for which a patent is sought on the invention  
entitled: METHOD OF PERFORMING A SIMON'S OR A SHOR'S QUANTUM  
ALGORITHM AND RELATED QUANTUM GATE, the specification of which:

(check one)

is attached hereto

was filed on December 15, 2003

as Application Serial No. 10/736,237

and was amended on . — — — (if applicable)

I hereby state that I have reviewed and understand the contents  
of the above-identified specification, including the claims, as  
amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material  
to the examination of this application in accordance with Title  
37, Code of Federal Regulation, 1.56(u).

I hereby claim foreign priority benefits under Title 35, United  
States Code, 119 of any foreign application(s) for patent or  
inventor's certificate listed below and have also identified  
below any foreign application for patent or inventor's  
certificate having a filing date before that of the application  
on which priority is claimed:

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Prior Foreign Application(s) Priority Claimed

<u>VA2002A0000069</u>	<u>IT</u>	<u>13 December 2002</u>	<input checked="" type="checkbox"/> [ ]	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)			
<u> </u>	<u> </u>	<u> </u>	<input type="checkbox"/> [ ]	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)			
<u> </u>	<u> </u>	<u> </u>	<input type="checkbox"/> [ ]	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)			

I hereby claim the benefit under Title 35, United States Code, 120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u> </u>	<u> </u>	<u> </u>	<u>(Status)</u>
<u>(Appln Serial No.)</u>	<u>(Filing Date)</u>	<u> </u>	<u>(Status)</u>
(patented, pending, aban.)			

<u> </u>	<u> </u>	<u> </u>	<u>(Status)</u>
<u>(Appln Serial No.)</u>	<u>(Filing Date)</u>	<u> </u>	<u>(Status)</u>
(patented, pending, aban.)			

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Inv. da:STMICROELECTRONICS;

0957404014 ;

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### English Language Declaration

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Christopher F. Regan, Reg. No. 34,906; Herbert L. Allen, Reg. No. 25,322; David L. Sigalow, Reg. No. 36,006; Richard K. Warther, Reg. No. 32,180; Michael W. Taylor, Reg. No. 43,182; Henry Estevez, Reg. No. 37,823; Paul J. Ditziger, Reg. No. 40,455; John F. Woodson, II, Reg. No. 45,236; Charles E. Wands, Reg. No. 25,649; Jacqueline E. Hartt, Reg. No. 37,845; Carl Napolitano, Reg. No. 37,405; Jon M. Gibbs, Reg. No. 47,594; David L. Stewart, Reg. No. 37,878 and Lisa R. Jorgenson, Reg. No. 34,845.

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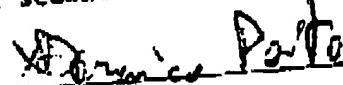
0957404014 ;

20-Mag-04 11:41;

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Inventor's  
Signature:



Date:

13-5-2004

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